ET1503964445US

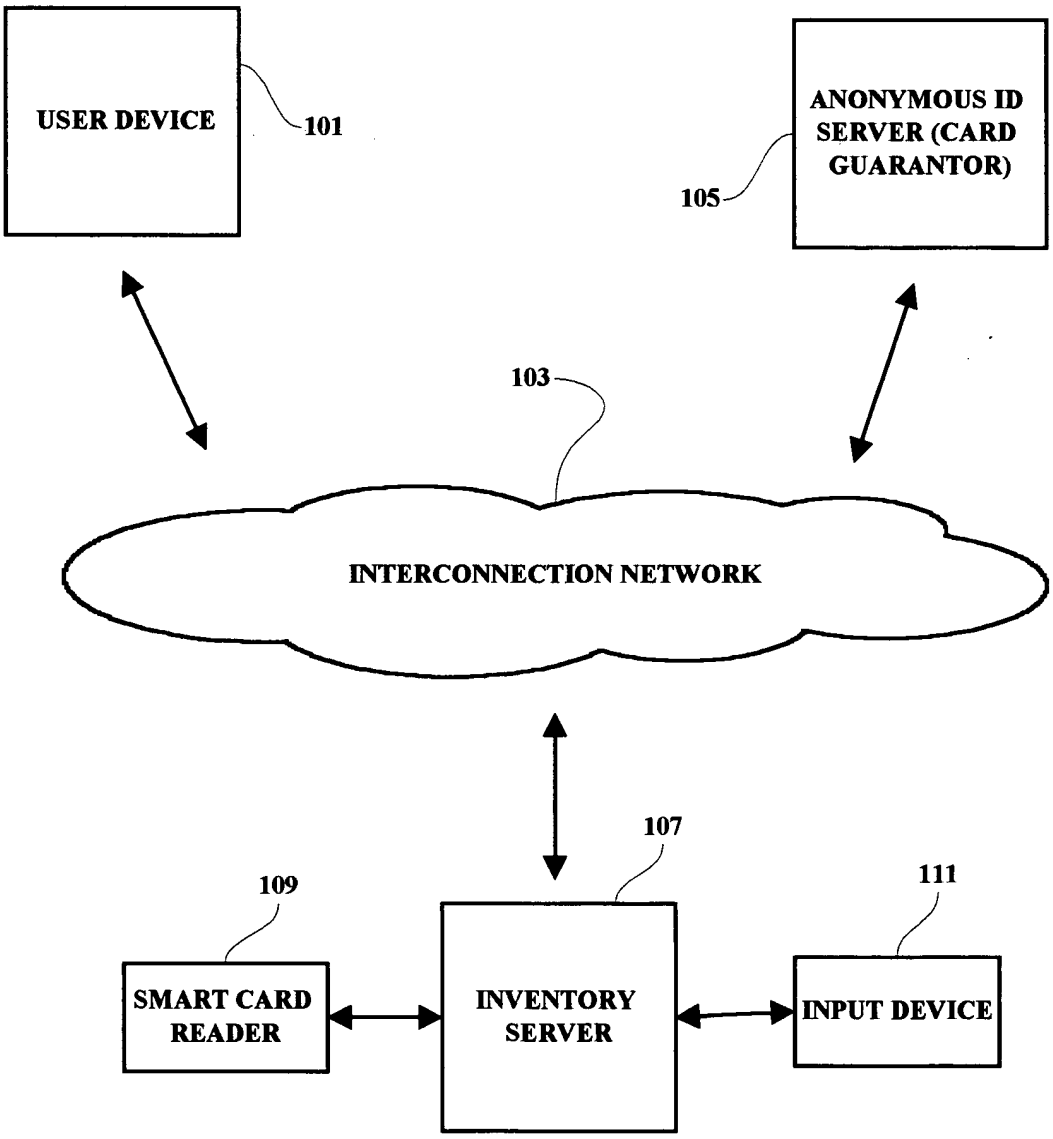

FIG. 1

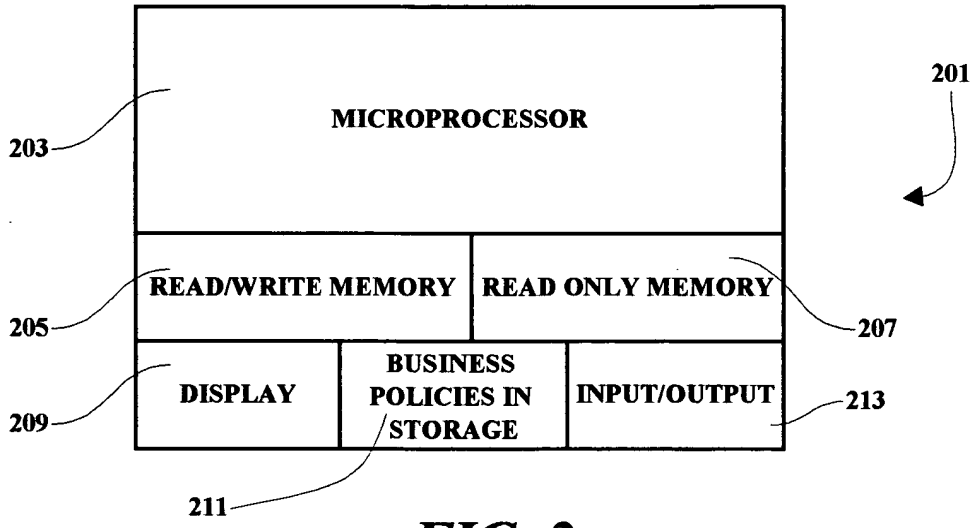

FIG. 2

USER NAME	ADDRESS	GUARANTEED LIMIT	ANONYMOUS ID	CURRENT VALUE OF ITEMS CHECKED OUT

FIG. 4

ANONYMOUS ID	ITEM #	DUE DATE	IS IT RESERVED?	.....

FIG. 5

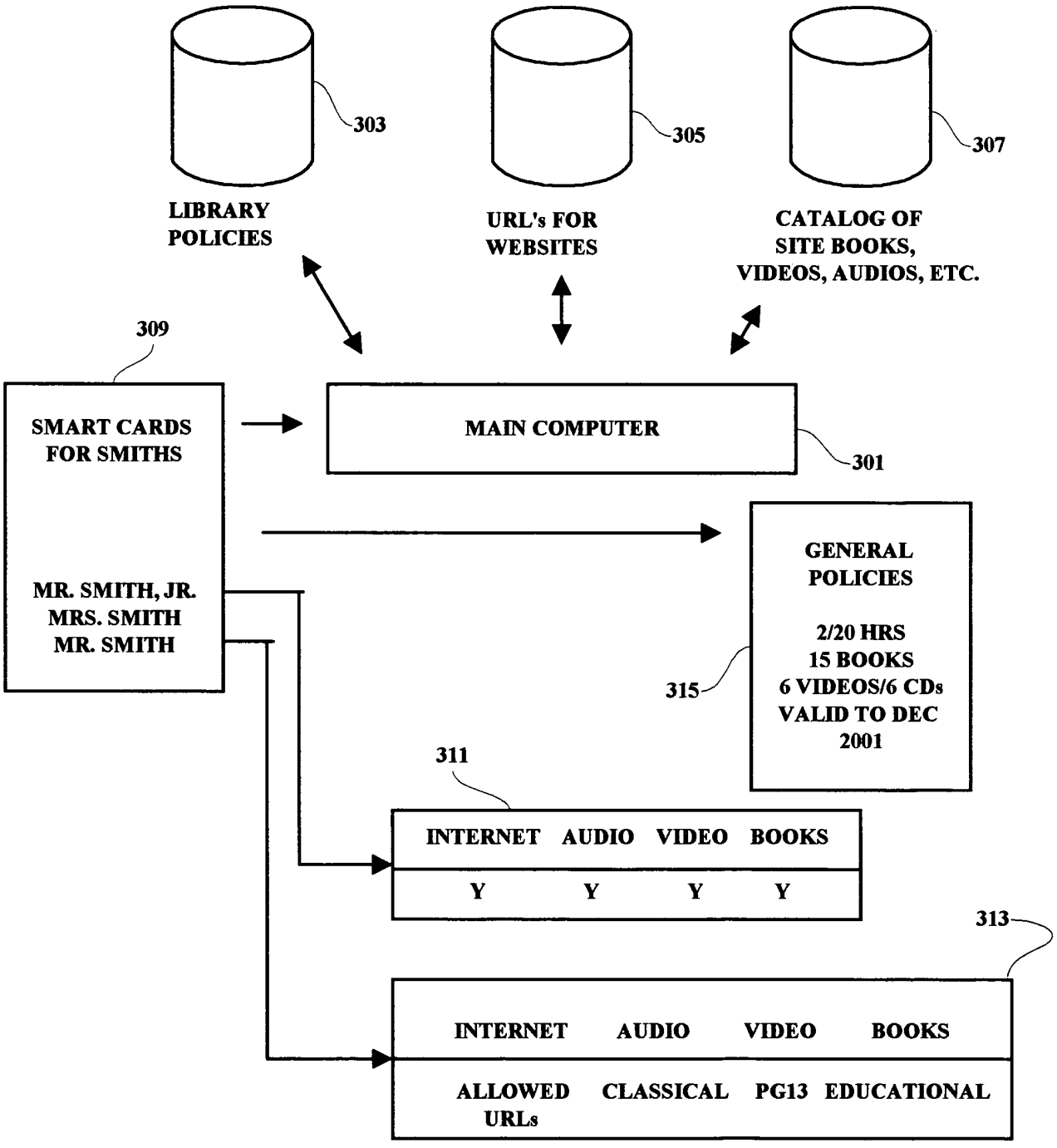
303
305
307
LIBRARY POLICIES
URL's FOR WEBSITES
CATALOG OF SITE BOOKS, VIDEOS, AUDIOS, ETC.
309
SMART CARDS FOR SMITHS
MR. SMITH, JR.
MRS. SMITH
MR. SMITH
MAIN COMPUTER
301
GENERAL POLICIES
2/20 HRS
15 BOOKS
6 VIDEOS/6 CDs
VALID TO DEC 2001
315
311
INTERNET AUDIO VIDEO BOOKS
Y Y Y Y
313
INTERNET AUDIO VIDEO BOOKS
ALLOWED URLs
CLASSICAL
PG13
EDUCATIONAL

FIG. 3

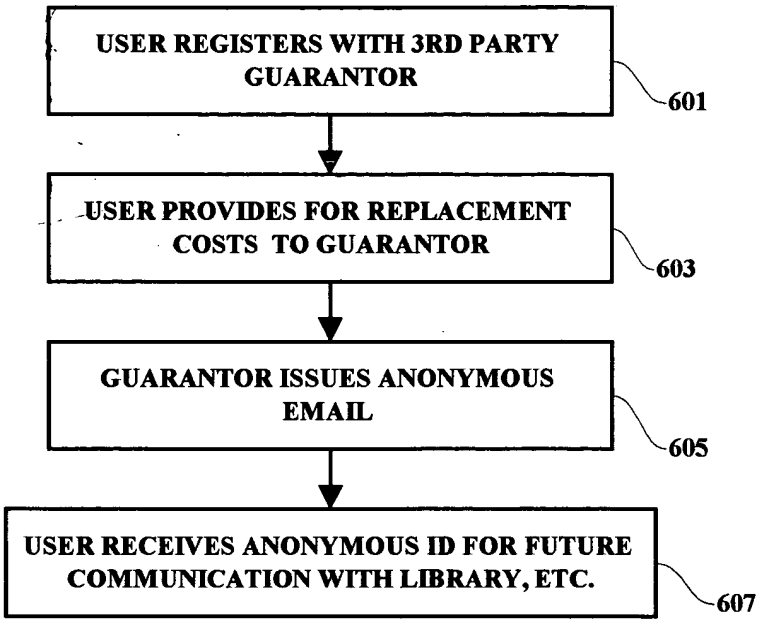
USER REGISTERS WITH 3RD PARTY GUARANTOR
601
USER PROVIDES FOR REPLACEMENT COSTS TO GUARANTOR
603
GUARANTOR ISSUES ANONYMOUS EMAIL
605
USER RECEIVES ANONYMOUS ID FOR FUTURE COMMUNICATION WITH LIBRARY, ETC.
607

FIG. 6

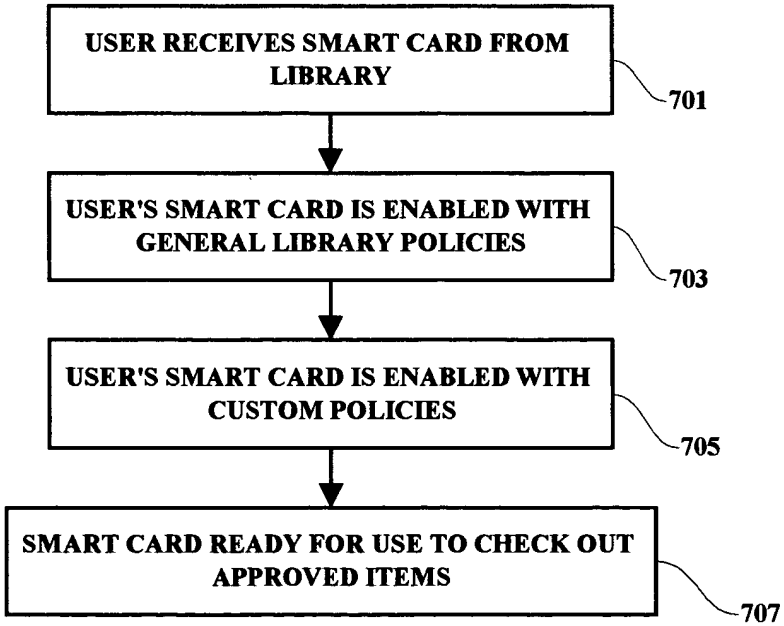
USER RECEIVES SMART CARD FROM LIBRARY
701
USER'S SMART CARD IS ENABLED WITH GENERAL LIBRARY POLICIES
703
USER'S SMART CARD IS ENABLED WITH CUSTOM POLICIES
705
SMART CARD READY FOR USE TO CHECK OUT APPROVED ITEMS
707

FIG. 7

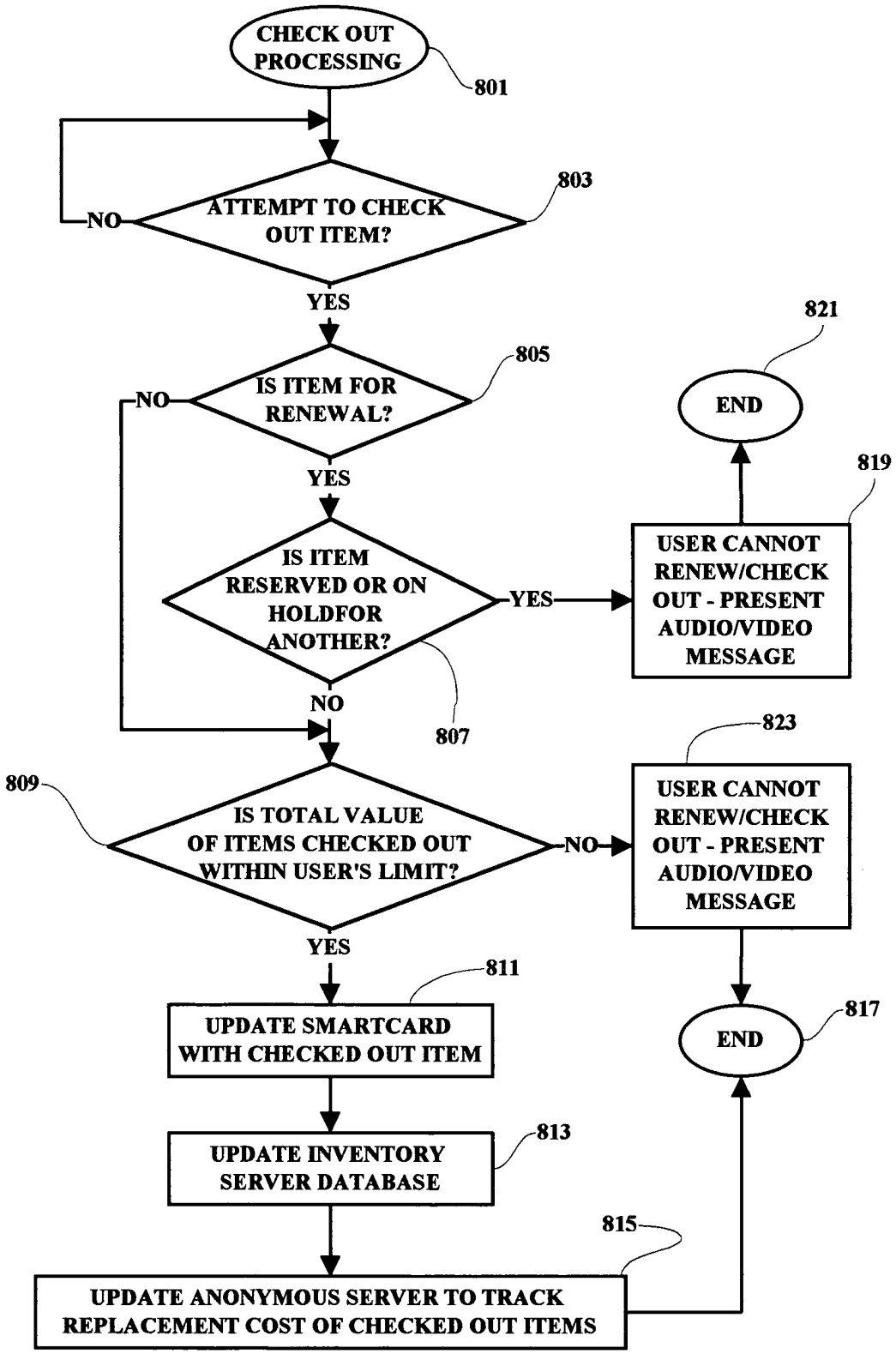
CHECK OUT PROCESSING
801
ATTEMPT TO CHECK OUT ITEM?
803
NO
YES
IS ITEM FOR RENEWAL?
805
NO
YES
IS ITEM RESERVED OR ON HOLDFOR ANOTHER?
807
YES
NO
USER CANNOT RENEW/CHECK OUT - PRESENT AUDIO/VIDEO MESSAGE
819
END
821
IS TOTAL VALUE OF ITEMS CHECKED OUT WITHIN USER'S LIMIT?
809
NO
USER CANNOT RENEW/CHECK OUT - PRESENT AUDIO/VIDEO MESSAGE
823
YES
UPDATE SMARTCARD WITH CHECKED OUT ITEM
811
UPDATE INVENTORY SERVER DATABASE
813
UPDATE ANONYMOUS SERVER TO TRACK REPLACEMENT COST OF CHECKED OUT ITEMS
815
END
817

FIG. 8